

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2323	709/218.ccls.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 14:50
L2	3323	709/238.ccls.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 14:51
L3	11389	(different with (IP (Internet adj protocol))) same network	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 14:52
L4	23164563	@rlad<="20021108" @ad<="20021108" @pd<="20021108"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 14:52
L5	95	1 and 3 and L4	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 15:00
L6	283	2 and 3 and 4	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 14:54
L14	2	10/002306	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 15:01
S1	0	wo-0141395-\$.did.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 12:05
S2	1	wo-200141395-\$.did.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 12:13

## EAST Search History

S3	927	mobile adj (IPv4 IPv6)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 12:13
S4	15	S3 same (differnt plural\$5) same protocol	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 12:14
S5	23163395	@rlad<="20021108" @ad<="20021108" @pd<="20021108"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 12:16
S6	4	S4 and S5	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 12:22
S7	12	combin\$5 and (different with protocol) with (IPv4 IPv6) with mobile	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 12:23
S8	2	combin\$5 same (different with protocol) with (IPv4 IPv6) with mobile	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 12:23
S9	0	S8 and S5	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 12:23
S10	3	"6785293".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 17:17
S11	1	11/113366	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 14:48
S12	117	((mobile cell\$5) adj (phone)) with (terminal laptop) same (ppp point\$5point)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 14:49

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S13	23163731	@rlad<="20021108" @ad<="20021108" @pd<="20021108"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 14:50
S14	54	S12 and S13	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 15:53
S15	973	((home adj agent) HA) same (home adj address) with (mobile)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 15:54
S16	256	((home adj agent) HA) same (assign\$4) with (home adj address) with (mobile)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 15:54
S17	83	S16 and S13	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 15:57
S18	2	10/263031	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 16:02
S19	12461	packet with (source sender) with (destination receiver) with address	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 16:07
S20	8608	S19 and S13	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 16:11
S22	147	S20 and (IPv6 IPv4) and (home adj agent)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 10:57
S23	2429	(IPv6 and IPv4) and packet same (destination source) same address	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 10:58

## EAST Search History

S24	703	(IPv6 and IPv4) same packet same (destination source) same address	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 10:58
S25	448	(IPv6 and IPv4) same packet same (destination and source) same address	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 10:59
S26	419	(IPv6 and IPv4) same packet same (destination and source) with address	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 10:59
S27	296	(IPv6 and IPv4) same packet with (destination and source) with address	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 11:02
S28	23164563	@rlad<="20021108" @ad<="20021108" @pd<="20021108"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 10:59
S29	125	S27 and S28	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 10:59
S30	160	(IPv6 and IPv4) with packet with (destination and source) with address	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 11:02
S31	72	S30 and S28	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 14:50

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## Patents

Patents 1 - 10 on support IPv4 mobile IPv6 protocol. (0.05 seconds)

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### Method and system capable of providing mobility support for IPv4/IPv6 inter ...

US Pat. 6862274 - Filed Oct 26, 2000 - Industrial Technology Research Institute  
Each **protocol** stack 12 or 13 provides its own mobility **support**, denoted by **mobile IPv4** or **mobile IPv6** in the **protocol** stack. The address mapper 14 makes an ...

### Mobile node, mobile agent and network system

US Pat. 6172986 - Filed May 7, 1998 - Hitachi, Ltd.

A typical among them is a **protocol** of the third layer (network layer) of an OSI  
... By making use of these **Mobile IPv4** and **Mobile IPv6**, a user can execute ...

### Arrangement for traversing an IPv4 network by IPv6 mobile nodes

US Pat. 6865184 - Filed May 28, 2003 - Cisco Technology, Inc.

A "**Mobile IPv6**" **protocol** is disclosed in an Internet Draft by Johnson et al., entitled "**Mobility Support in IPv6**", available on the World Wide Web at the ...

### Mobile node, mobile agent and network system

US Pat. 6724775 - Filed Apr 24, 2002 - Hitachi, Ltd.

As to these **IPv4** and **IPv6**, "**IP Mobility Support in IPv4**" (hereinafter called "**Mobile IPv4**") described in RFC2002 and "**Mobility 50 Support in IPv6**") ...

### Method and apparatus for incorporating environmental information for mobile ...

US Pat. 6625135 - Filed Apr 28, 1999 - Carnegie Mellon University

In order to **support mobile** nodes, a communication **protocol**, ... which there is also a **Mobile IP** extension which is known as **Mobile IPv6**. Both **Mobile IPv4** ...

### Arrangement for traversing an IPv4 network by IPv6 mobile nodes via a ...

US Pat. 7149225 - Filed Jul 11, 2003 - Cisco Technology, Inc.

In particular, RFC A "**Mobile IPv6**" **protocol** is disclosed in an Internet Draft 35 with w **IPv4** header based on extracting the assigned **IPv4** available on the ...

### Address acquisition

US Pat. 6959009 - Filed Jan 18, 2001 - Nokia Mobile Phones Ltd.

Alternatively, some **IPv4** nodes may use a **protocol** called DHCP (dynamic 20 host ... GPRS **support** nodes SGSN, each of which is connected to the GSM **mobile** ...

### Registration for mobile nodes in wireless internet protocols

US Pat. 6567664 - Filed Jun 2, 1999 - Nokia Corporation

10 15 Using the known **IPv4 protocol** shown in FIG. 1, when a **mobile** node 1 has ... et al. entitled "**Mobility Support in IPv6**" IETF **Mobile IP** Working Group, ...

### Mobile node, mobile agent and network system

US Pat. 6868089 - Filed Aug 29, 2000 - Hitachi, Ltd.

As to these **IPv4** and **IPv6**, "**IP Mobility Support in IPv4**" (hereinafter called "**Mobile**

IPv4") described in RFC2002 and "Mobility 50 Support in IPv6") ...

**Mobile node, mobile agent and network system**

US Pat. 6785293 - Filed Apr 24, 2002 - Hitachi, Ltd.

As to these IPv4 and IPv6, "IP Mobility Support in IPv4") (hereinafter called "Mobile IPv4") described in RFC2002 and "Mobility 50 Support in IPv6") ...

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Result Page:    [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#)    [Next](#)

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Patents 11 - 20 on **support IPv4 mobile IPv6 protocol**. (0.05 seconds)[Sort by relevance](#) | [Sort by date \(new first\)](#) | [Sort by date \(old first\)](#)

### Mobile node, mobile agent and network system

US Pat. 6888845 - Filed Apr 24, 2002 - Hitachi, Ltd.

A typical among them is a **protocol** of the third layer (network layer) of an OSI... As to these **IPv4** and **IPv6**, "IP Mobility **Support** in **IPv4**") (hereinafter ...

### Method and apparatus for dynamically updating representation of a work site ...

US Pat. 6771609 - Filed Nov 30, 1999 - Caterpillar Inc

In order to **support** mobile nodes, a communication **protocol**, such as the standard... Both **Mobile IPv4** and **Mobile IPv6** may be used in the present apparatus. ...

### Mobile ad hoc extensions for the internet

US Pat. 6845091 - Filed Dec 1, 2000 - SRI International

GOVERNMENT **SUPPORT** 2° This invention was funded with government **support** under... **IPv6** is a second generation Internet **Protocol** designed to supplant **IPv4**, ...

### Arrangement in a gateway for registering mobile routers of a mobile ad hoc ...

US Pat. 6850532 - Filed Sep 20, 2002 - Cisco Technology, Inc.

A "**Mobile IPv6**" **protocol** is disclosed in an Internet Draft by Johnson etal., entitled "Mobility **Support** in **IPv6**", available on the World Wide Web at the ...

### Low latency mobile initiated tunneling handoff

US Pat. 6832087 - Filed Jun 28, 2002 - NTT DoCoMo Inc.

Several **protocol** designs have been proposed for both **Mobile IPv4** and **IPv6** that

seek to reduce the amount of handoff latency. For instance, Internet Draft ...

### System using mobile proxy for intercepting mobile IP message and performing ...

US Pat. 7162529 - Filed Jan 6, 2003 - Hitachi, Ltd.

... **PROTOCOL TRANSLATION TO SUPPORT MULTIPLE COMMUNICATION PROTOCOLS BETWEEN 5 MOBILE**... using a **Mobile IP protocol** to roam between **IPv4** and **IPv6** networks. ...

### Transparent mobile IPv6 agent

US Pat. 7092986 - Filed Feb 7, 2002 - Institute For Information Industry

Although the IP mobility a binding update packet from a **mobile** node, the packetis **support** communication **protocol** (**IPv6** version), as a basis transferred to ...

### Selection of serving network element in telecommunications network

US Pat. 7120131 - Filed Sep 24, 2001 - Nokia Corporation

The same basic principle applies to the **mobile IPv6**, ie the home agent HA transmits... attribute information in routers that **support** the **IPv4 protocol**. ...

### Arrangement for traversing an IPv4 network by IPv6 mobile routers

US Pat. 7031328 - Filed Mar 10, 2003 - Cisco Technology, Inc.

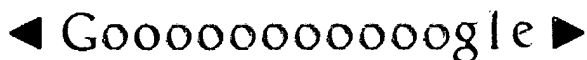
Draft by Johnson et al., entitled "Mobility **Support** in **IPv6**", ... or IP Control

**Protocol** home agent of the source **mobile** router. **ipv4** network 14a has access ...

Method for roaming between networks

US Pat. 7236781 - Filed Jun 2, 2005 - Nokia Corporation

These are simple **IPv4**, simple **IPv6**, **mobile IPv4**, and **mobile IPv6** (In revision ... request message to the SGSN, including the **Protocol** Configuration Options. ...



Result Page: **Previous** [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) **Next**

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## Patents

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### Transmission of a binding update

#### message indicating a care of address for ...

US Pat. 7269166 - Filed Nov 27, 2001 - Nokia Corporation

There are two variations of **Mobile IP**, namely **Mobile IPv4**, based on **IPv4** (Internet Protocol version), and **Mobile IPv6**, based on **IPv6** (Internet Protocol ...

### Method and apparatus for seamless mobility with layer two assistance

US Pat. 7009952 - Filed May 24, 2001 - 3Com Corporation

The access point and **mobile** terminal may communicate in accordance with a series of ... Under an **IPv6** protocol, these routers may act as co-located care-of ...

### GPRS-subscriber selection of multiple internet service providers

US Pat. 6636502 - Filed Sep 25, 1998 - Telefonaktiebolaget LM Ericsson

ETSI has selected **IPv6** to be the main backbone **protocol** in the future. ...In the GPRS Gateway **Support Node** the PSPDN address of the GPRS **mobile station** MS ...

### Method and system for inter-operability between mobile IP and RSVP during ...

US Pat. 6925075 - Filed Jul 12, 2001 - Telefonaktiebolaget LM Ericsson

Description of Related Art **Mobile Internet Protocol (mobile IP)** is a **protocol**... One of a number of differences between **mobile IPv4** and **mobile IPv6** is the ...

### Methods and apparatus for supporting session signaling and mobility ...

US Pat. 6970445 - Filed Jun 11, 2002 - Flarion Technologies, Inc.

For example, in embodiments where **Mobile IPv6** is not required, the **mobile** ... based on other protocols such as the Resource Reservation **Protocol** (RSVP). ...

### Mobile data rate enhancement via foreign agent load balancing

US Pat. 6549522 - Filed Jun 5, 2000 - British Telecommunications public limited Company

The current version of IP, known as **IPv4**, does not itself **support** mobility, but a **protocol** entitled "IP Mobility **Support**", commonly referred to as **Mobile IP** ...

### Dynamic forward assignment of internet protocol addresses in wireless networks

US Pat. 6965584 - Filed Feb 27, 2001 - Telcordia Technologies, Inc.

Immediately upon moving into a neighboring above **IPv6** includes a 128-bit IP address field which allows cell the **mobile station** then uses one of the ...

### IPv6/IPv4 tunneling method

US Pat. 7228131 - Filed Aug 31, 2005 - KDDI Corporation

Field of the Invention The present invention relates to an **IPv6/IPv4** ...that **support** the **IPv6** (Internet Protocol Version 6) have become widespread, ...

### Method and system for distributed network address translation for mobile ...

US Pat. 6697354 - Filed Aug 19, 1998 - 3Com Corporation

Current versions of Internet **Protocol** such as Internet **Protocol** version-4 ("**IPv4**"),

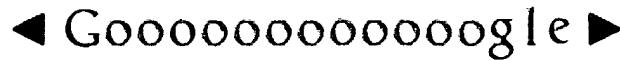
including those used for **Mobile Internet Protocol** are becoming obsolete ...

Method for extending **mobile IP** and **AAA** to enable integrated **support** for ...

US Pat. 6785256 - Filed Feb 3, 2003 - Flarion Technologies, Inc.

... versions of **Mobile IP** signaling including **Mobile IPv4** and **Mobile IPv6** signaling.

... server module 304 is a SIP (Session Initiation **Protocol**) server. ...



Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [Next](#)

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